



State of Washington

DEPARTMENT OF FISH AND WILDLIFE

Mailing Address: 600 Capitol Way N - Olympia, Washington 98501-1091 - (360) 902-2200, TDD (360) 902-2207

Main Office Location: Natural Resources Building - 1111 Washington Street SE - Olympia, WA

ADDENDUM TO DETERMINATION OF NONSIGNIFICANCE

DATED: June 16, 2010

Name of DNS: ROUND PONDS FOR SOUTH FORK NOOKSACK SPRING CHINOOK RECOVERY PROGRAM

Description of DNS:

This proposal consists of the installation of 10 round ponds that will be used to rear ESA listed South Fork Nooksack Spring Chinook. The fish are collected from the wild as juveniles and will be used as broodstock in an effort to restore the run. There will be two 16-foot diameter and eight 20-foot diameter ponds installed in an area measuring approximately 150 feet by 50 feet. This project requires a new 15-inch discharge line to be run from the round ponds to Kendall Creek.

Proponent/Applicant:

Kevin Clark
1700 Silver Beach Road
Bellingham, WA 98229

Location of DNS, including street, if any: 6263 Mount Baker Highway, Deming WA 98244; Whatcom County; Section 3 Township 39 North, Range 5 East. WM

Lead Agency: Washington Department of Fish and Wildlife (WDFW)

WDFW is providing updated information on this project that may be of interest to other agencies or the public. The updated information provided below does not substantially change the analysis of significant impacts in the existing environmental checklist.

The original environmental checklist dated June 16, 2010, should be modified to reflect the following changes:

A. BACKGROUND

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

(Original SEPA Checklist language)

~~This proposal consists of the installation of 10 round ponds that will be used to rear ESA listed South Fork Nooksack Spring Chinook. The fish are collected from the wild as juveniles and will be used as broodstock in an effort to restore the run. There will be two 16-foot diameter and eight 20-foot diameter ponds installed in an area measuring approximately 100 feet by 52 feet. This project requires a new 15 inch discharge line to be run from the round ponds to Kendall Creek.~~

(Second Requested Amendment)

Install two 20 foot diameter and eight 16 foot diameter fiberglass tanks (all 5 feet in depth) to rear SF Nooksack chinook salmon at the Kendall Creek Hatchery. Tanks will be installed on a 150' X 50' gravel pad and enclosed by an 8 foot high chain link fence. The ponds will be supplied by ground water from existing permitted wells. Rearing water will be discharged to Kendall Creek via a new 15" drain line.

A flood storage swale will be constructed in a grass pasture north of the tank site to compensate for loss of 433 cubic yards of flood storage as a result of the installation of the ten tanks within the 100 year flood plain. The swale will be approximately 570 feet in length by 40 feet wide and have a depth of 0-2 feet.

B. ENVIRONMENTAL ELEMENTS

1. Earth

- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed.
Indicate source of fill.

(Original SEPA Checklist language)

~~Approximately 10 cubic yards of bedding sand, native natural material, and 5/8 inch crushed gravel will be used as fill to provide a base for the circular tanks. The source of fill will be a local gravel pit. No fill will be used at the outlet location into Kendall Creek.~~

(First Amendment)

Bedding sand, native natural material, and 5/8 inch crushed gravel will be used as fill to provide a base for the circular tanks. Approximately 10 cubic yards of fill will be used below ordinary high water and approximately 200 cubic yards will be used above ordinary high water. The source of fill will be a local gravel pit. No fill will be used at the outlet location into Kendall Creek.

(Second Requested Amendment)

An estimated 481 cubic yards of native material (mineral soil, gravel, and sands) will be cut from the tank installation site. An estimated 478 cubic yards of clean bedding material (sand, gravel and crushed rock) will be placed to support the ten rearing tanks. This will result in a net cut of 3 cubic yards at this site.

A flood storage swale will be constructed at a separate site by cutting 433 cubic yards of material. This swale is necessary to compensate for the loss of 433 cubic yards of flood storage within the 100 year flood plain (resulting from tank installation). This swale will be located in a grass pasture north of the tank site, and will measure approximately 570 feet in length by 40 feet wide with a depth of 0-2 feet. Excavated material removed from the swale, will be hauled to a location outside the 100 year flood plain.

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

(Original SEPA Checklist language)

~~There will be a 5% increase in impervious surface.~~

(Second Requested Amendment)

Total area of parcel involved in the project is 275,735 square feet of which 108,529 square feet (40%) is covered by impervious surface. The project will add an additional 6,000 square feet (2%) of impervious surface to the parcel, increasing total coverage of the parcel by impervious surfaces to 42%.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

(Original SEPA Checklist language)

~~A silt fence will be installed around the work site to prevent sediment delivery to the stream. Disturbed soils will be covered with geotech fabric "felt" right to edge.~~

(Second Requested Amendment)

A storm water pollution prevention plan has been prepared for the project outlining the standard construction BMP's (including a silt fence around the work sites) to be followed during construction and installation of the tanks and the compensatory flood storage swale.

3. Water

c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

(Original SEPA Checklist language)

~~Any water that falls on the ponds will be collected and discharged out into Kendall Creek.~~

(Second Requested Amendment)

Standard construction BMP will be followed during tank installation to prevent storm water laden sediment from entering waterways. The tanks are installed on a gravel pad. Most storm water is expected to infiltrate into this surface. Storm water which fails to infiltrate will flow into grass fields surrounding three sides of the project site and infiltrate into the ground. Any water that falls on the ponds will be collected and discharged out into Kendall Creek under an existing NPDES permit.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

(Original SEPA Checklist language)

~~None.~~

(Second Requested Amendment)

See previous answer.

10. Aesthetics

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

(Original SEPA Checklist language)

8 feet, fiberglass.

(Second Requested Amendment)

8 feet, chain link fence.

Based on the original environmental checklist and the updated information provided in this addendum, we have determined that a new threshold determination is not warranted. There is no comment period associated with this SEPA environmental checklist addendum.

Responsible Official: Teresa A. Eturaspe

Position/Title: SEPA/NEPA Coordinator, Regulatory Services Section

Address: 600 Capitol Way North, Olympia, WA 98501

If you have questions about this action, please contact:

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email: SEPAdesk2@dfw.wa.gov

DATE OF ISSUE: April 12, 2011

SIGNATURE: 

SEPA Log Number: 11-028ADD (Addendum to 10-050DNS & 10-052ADD)